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Data Foundation Project
Based on Survey Data of **Udacity** Students

- Place
- Recommend
- Helpful Resources
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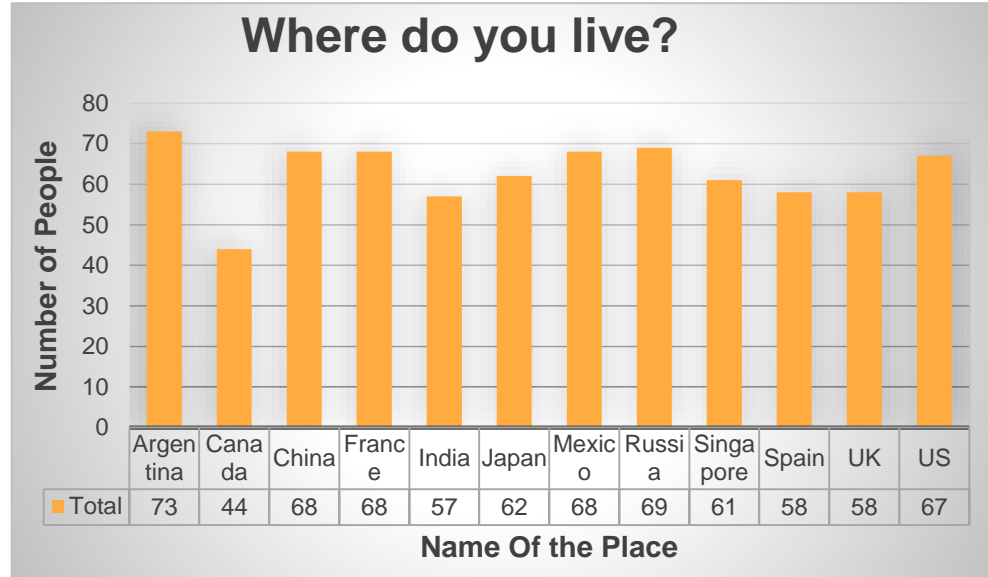- Sleeping hrs Statistics
- Sleep Vs Employability

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References: NA (All data and videos given by Udacity Data foundation Nanodegree only)

Where do you Live?

When asked the above question to the Udacity students the answer from them , gave the insight about Geographical area of Udacity learning.

- The Survey Data plotted in the graph illustrates that the highest number of Udacity students are from **Argentina** which is 73 and **Canada** has the least amount of students which is 44.

- From the graph we can say that Udacity has **worldwide** spread and has the students from Globe

Where do you live?

	Argentina	Canada	China	France	India	Japan	Mexico	Russia	Singapore	Spain	UK	US
Total	73	44	68	68	57	62	68	69	61	58	58	67

Number of People

Name Of the Place

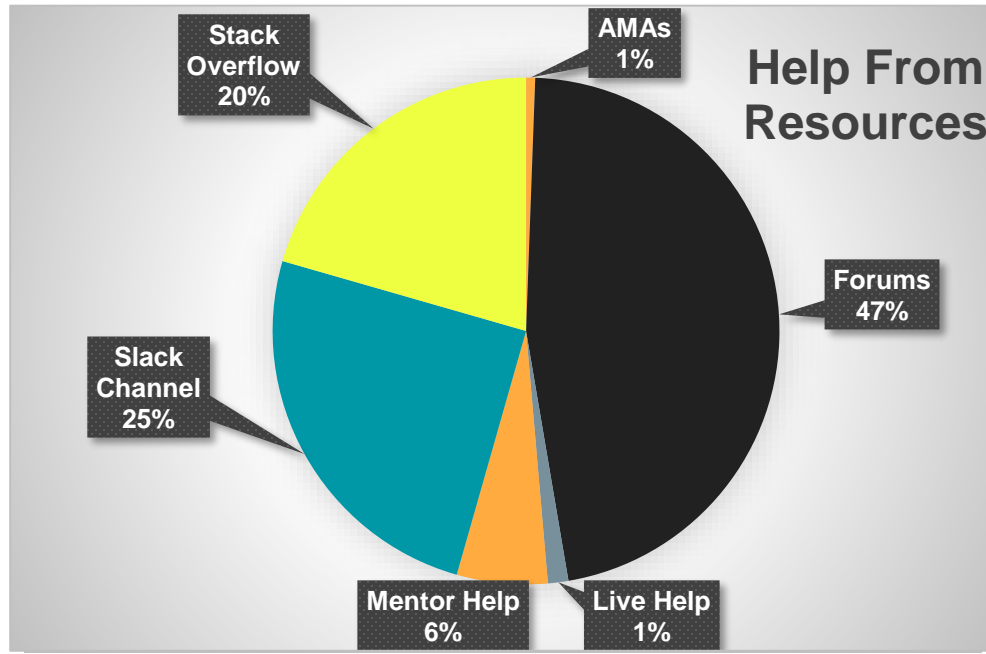# How likely is it that you would recommend Udacity to a friend or colleague?

The Udacity students have given the ratings from 0 to 10. Where 0 being they won't recommend and 10 being its highly recommended learning platform. The students have voted for individual rating varied from 1 to 378.

- From the Bar Graph and its Data table we can see that students are happy with the learning outcome they gained from Udacity and They would **Highly recommend** the Udacity Learning platform to their friends or colleague

Would you recommend Udacity to others?

	0	2	4	5	6	7	8	9	10
Total	2	1	4	10	20	59	132	147	378

NUMBER OF PEOPLE

- And there are very few or rare rating below average who won't recommend the Udacity to others.

What was most helpful when you got stuck in the Nanodegree program?
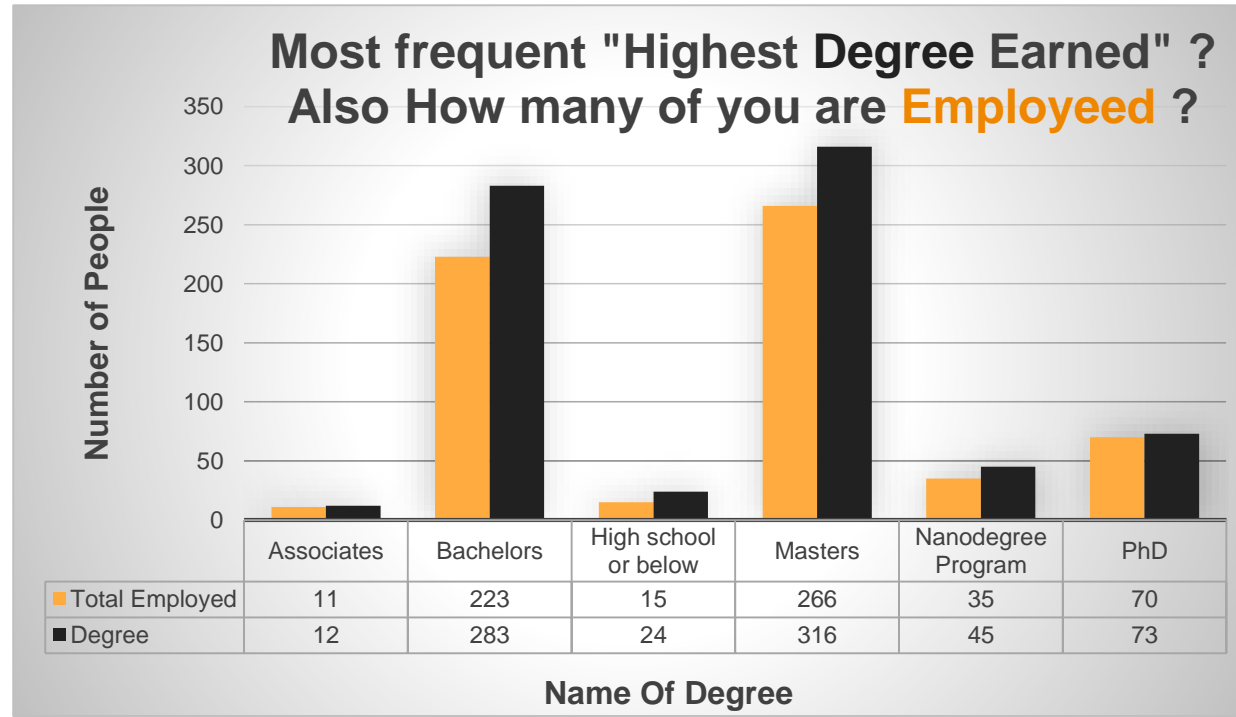

From the Pie-Chart we can depict that 47% Udacity students found **Forum** helpful when they had any kind of difficulty in completing nanodegree while least helpful was AMA(Ask me Anything) and Live Help which says 1%.

Where as Slack is the second favorite of student to dive in and resolve problem.

Also some found external resource Stack Overflow helpful to solve the issue then they went to take help from Mentors.

What is your highest level of education? Are you employed?

- The highest level of **degree** earned as well as highest number of people who are currently **employed** in Udacity Students have **Masters** degree and least is Associates and Highschool and below.

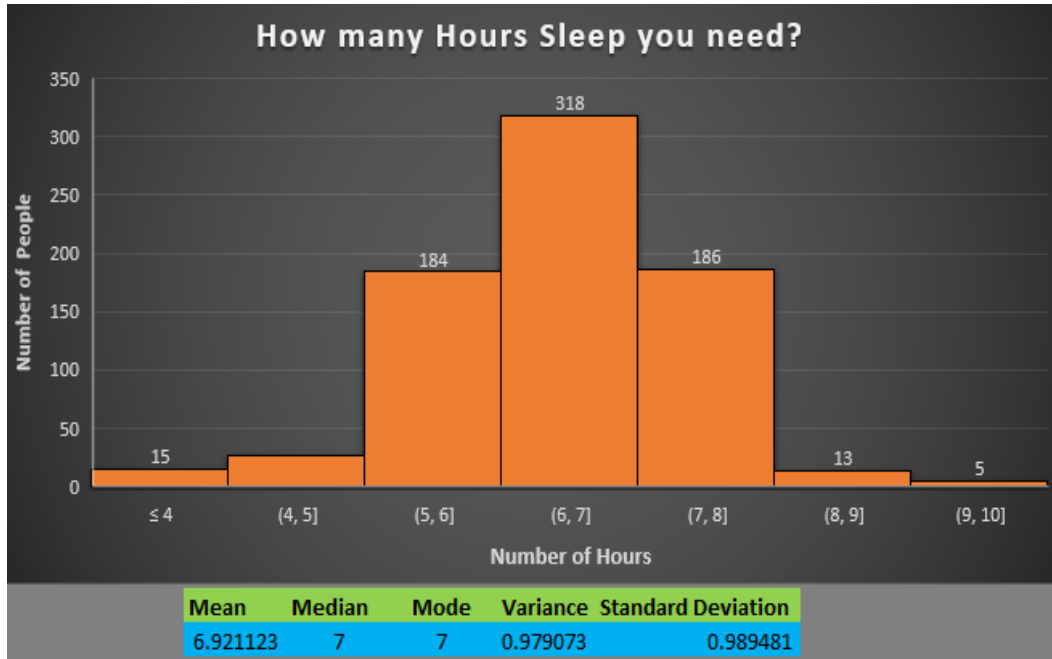- If we compare the education level and employment then its more or the less same than that of the education level.

Most frequent "Highest Degree Earned" ? Also How many of you are Employeed ?

Number of People

	Associates	Bachelors	High school or below	Masters	Nanodegree Program	PhD
■ Total Employed	11	223	15	266	35	70
■ Degree	12	283	24	316	45	73

Name Of Degree

Orange : According to level of Education how many students are employed
Black : Name of the highest level of Education/Degree

On average, how many hours of sleep do you get per night?

The Histogram portrays that most Student sleeps for 7 hours that is our Mode as 328 people voted for this with the Median of 7 and Mean is also same number 6.92 making it as **Normal Distribution.**

- All distribution and summary statistics calculations points to the **7 hours** Sleep and some students sleep more or less **0.989481 hours** than measures of center shown by Standard Deviation calculation.

- So put it in nutshell most prefer to sleep **7 Hours/night**.

- The **range** is 10 hours includes the values from 0 hours to 10 hours per night sleep from Histogram and Sleep value is only deviates by 0.98 hours as per Standard Deviation and graph from the median.

How many Hours Sleep you need?

Mean	Median	Mode	Variance	Standard Deviation
6.921123	7	7	0.979073	0.989481

Mean= Median= Mode